Electrical Hazards

ELECTRICAL JUNCTION BOX

L84

Location: Rm. 1106

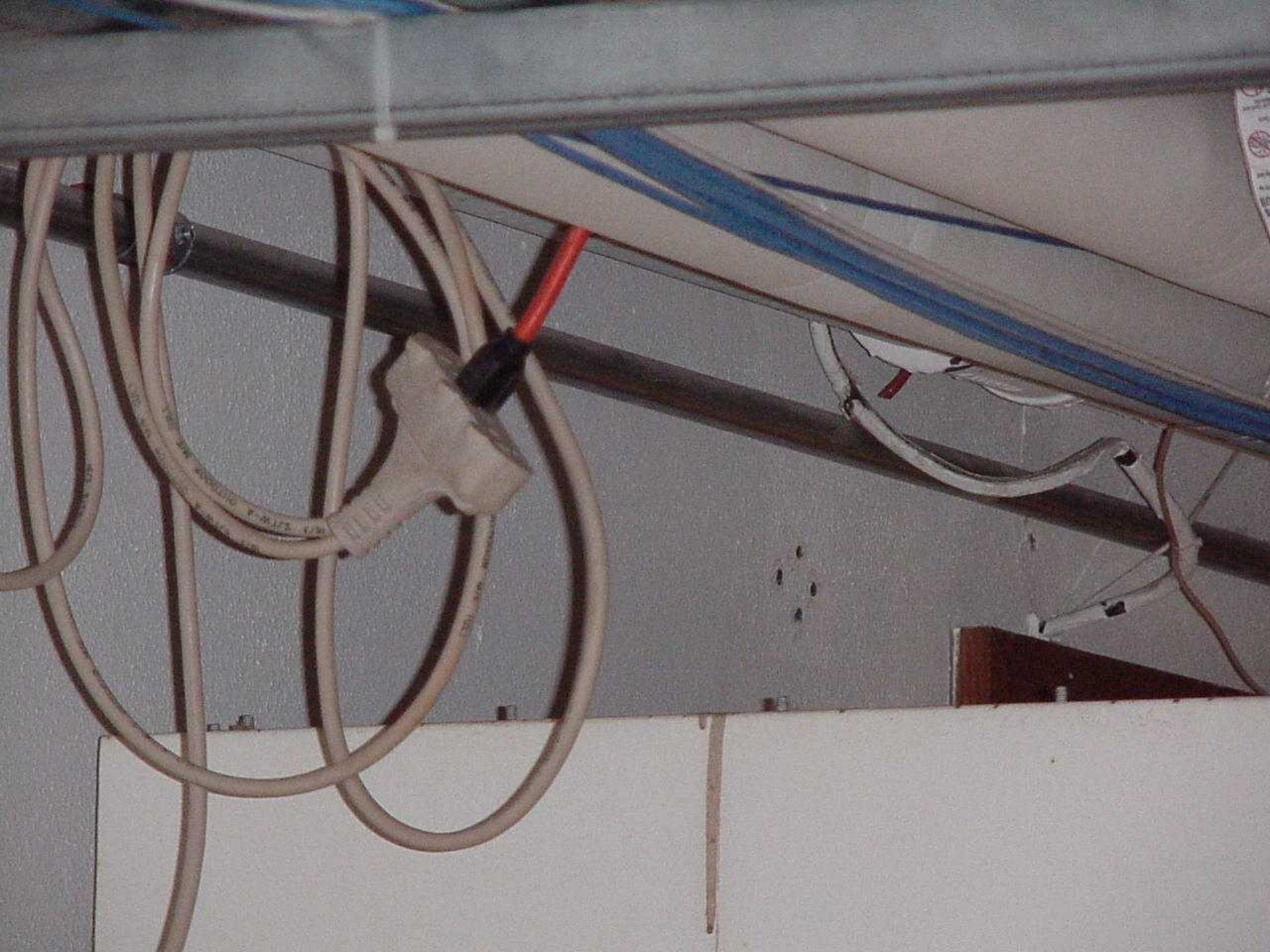
3 Ø, 4 WIRE, 120/208 V, 100 A MLO, FED FROM: PLLDT Rm. C111

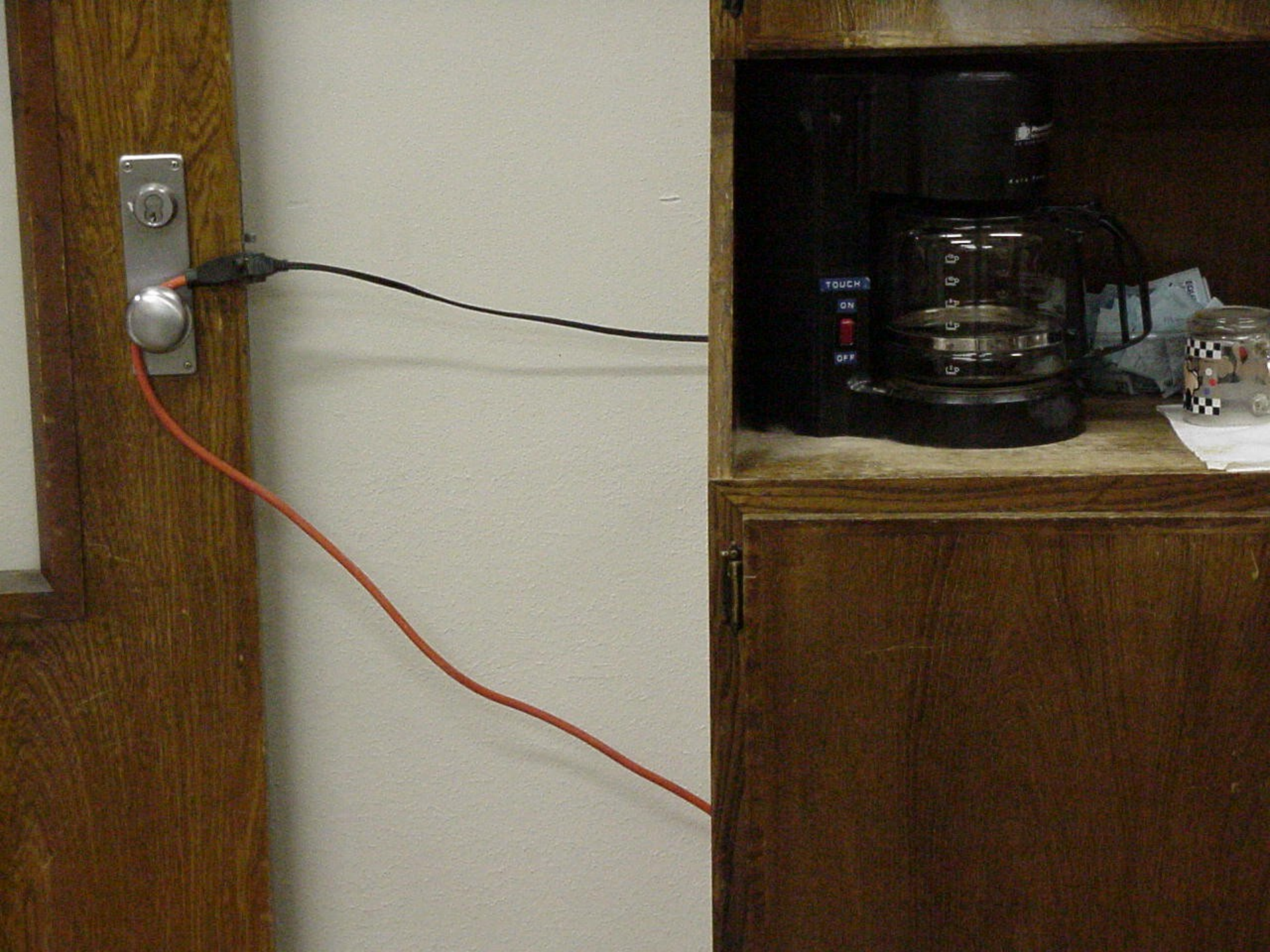
POLE SPACE CCT No.		CIRCUIT USE	CCT BKR. RATING	CCT BKR. RATING	CIRCUIT USE	POLE SPACE No.	CCT No.
1	1	LAN ELEV #1 PIT	20/1P	20/1P	SC	3	2
3	2	F.A. AMPLIFIER	20/1P	20/1P	SC	4	4
5	3	SC	20/1P	20/1P	R-1106, 1108, 1109	5	6
7	4	R-1108, 1111	20/1P	20/1P	R-1107, 1105	8	8
9	5	R-1101, 1113	20/1P	20/1P	R-1101, 1103	10	10
11	11	R-1104, 1112	20/1P	20/1P	R-1102, 1110	12	12
13*	13	F.A. TRANSMIT "AMEW" (1106) TYPE)	20/1P	20/1P	R-1110, 1114	14	14
15*	15	FIRE ALARM CPU (1106)	20/1P	20/1P	R-CCRA 1, 1114 CCH	16	16
17*	17	CLOCKS (SECONDARY, 1106)	20/1P	20/1P	Rec in Eqp.	18	18
	19	SO		20/1P	DSC. ACT.	20	20
	21	SO			SO	22	
	23	SO			SO	24	
	25	SO			SO	26	
	27	SO			SO	28	
	29	SO			SO	30	
	31					32	
	33					34	
	35					36	
	37					38	
	39					40	
	41					42	

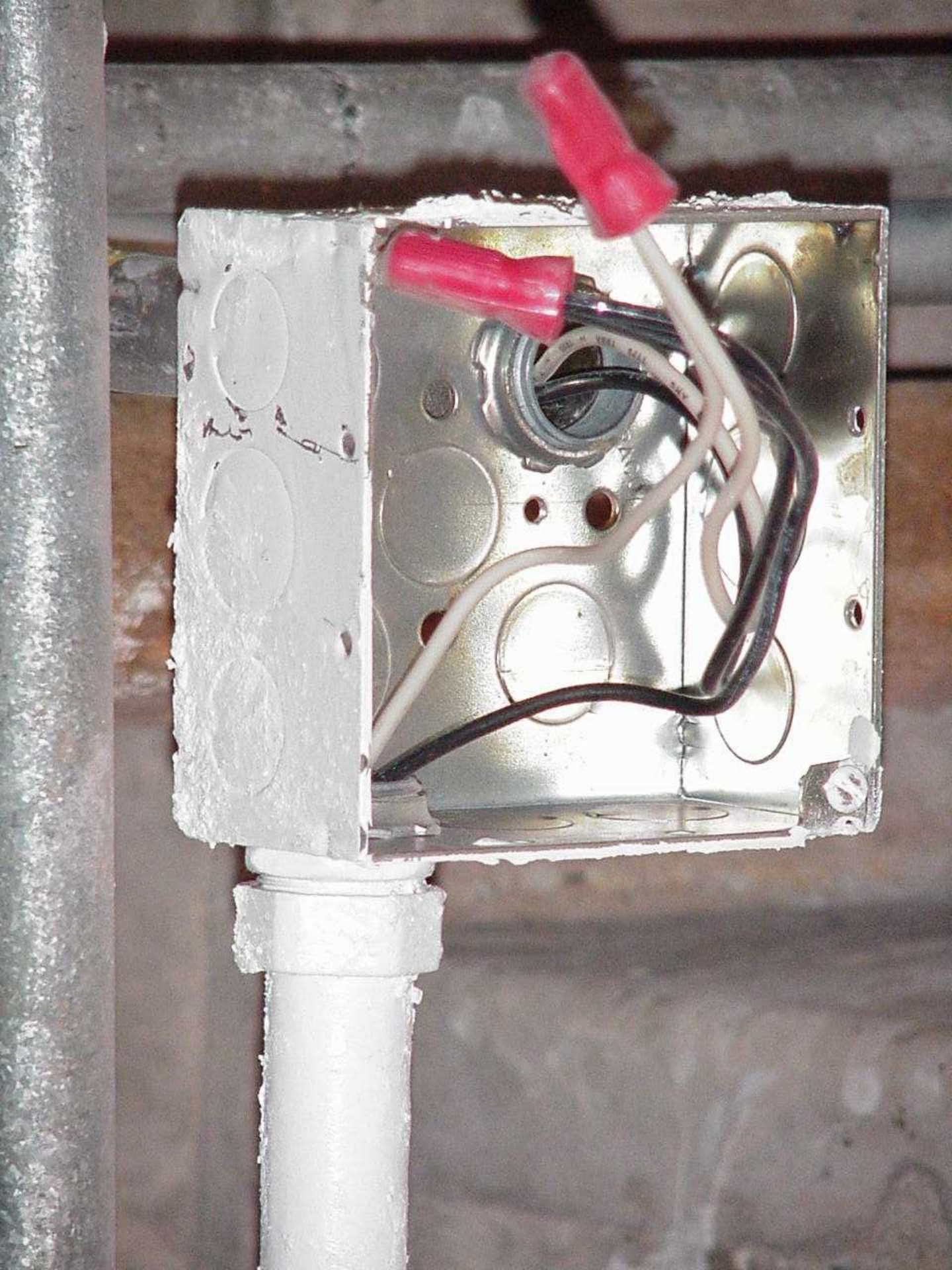
NOTES: LH=LIGHTS, R=RECEPTACLES, M=MECHANICAL EQUIPMENT, SC=SPARE CIRCUIT, SO=SPACE ONLY

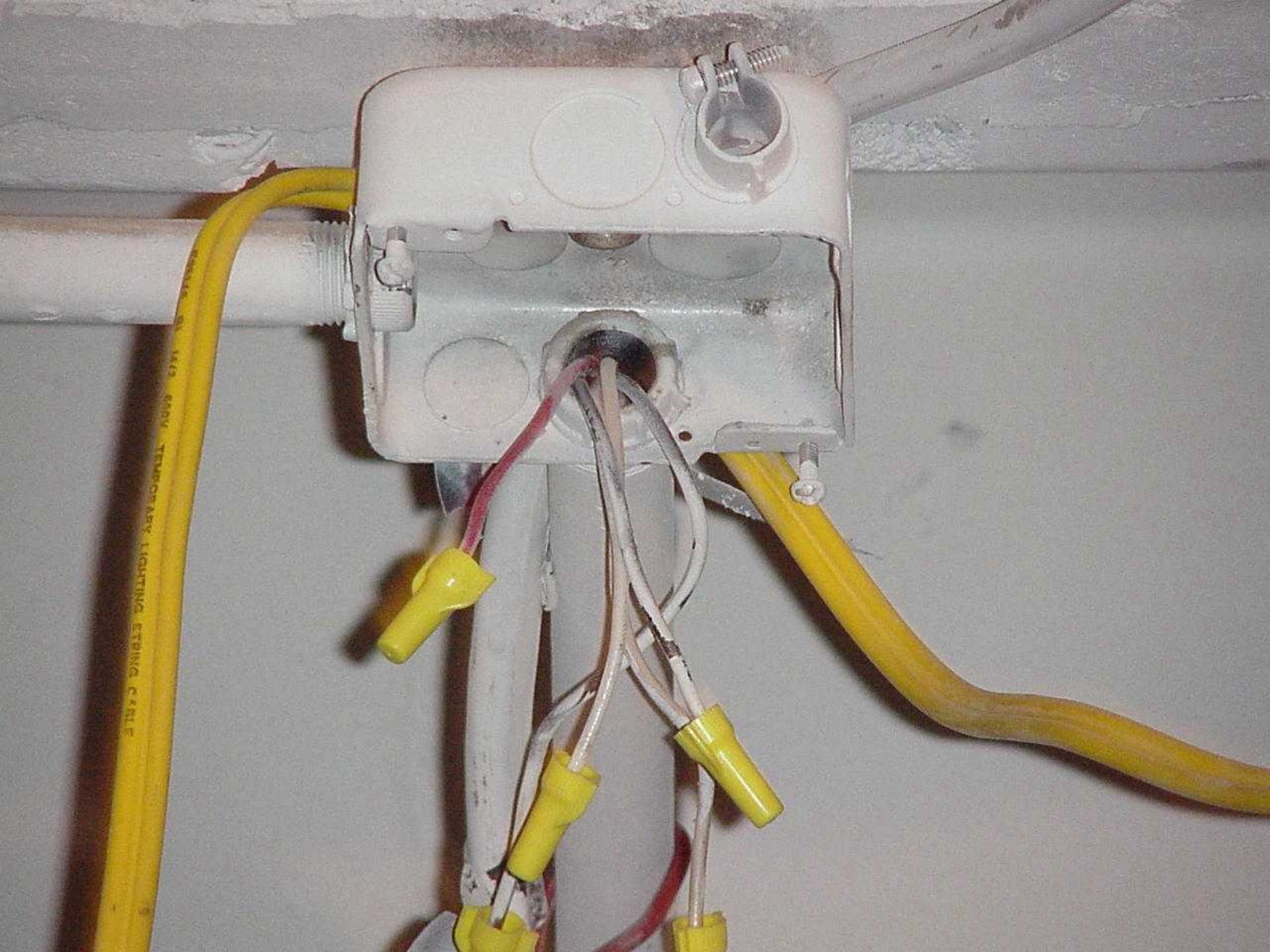
* LOCK ON BREAKER

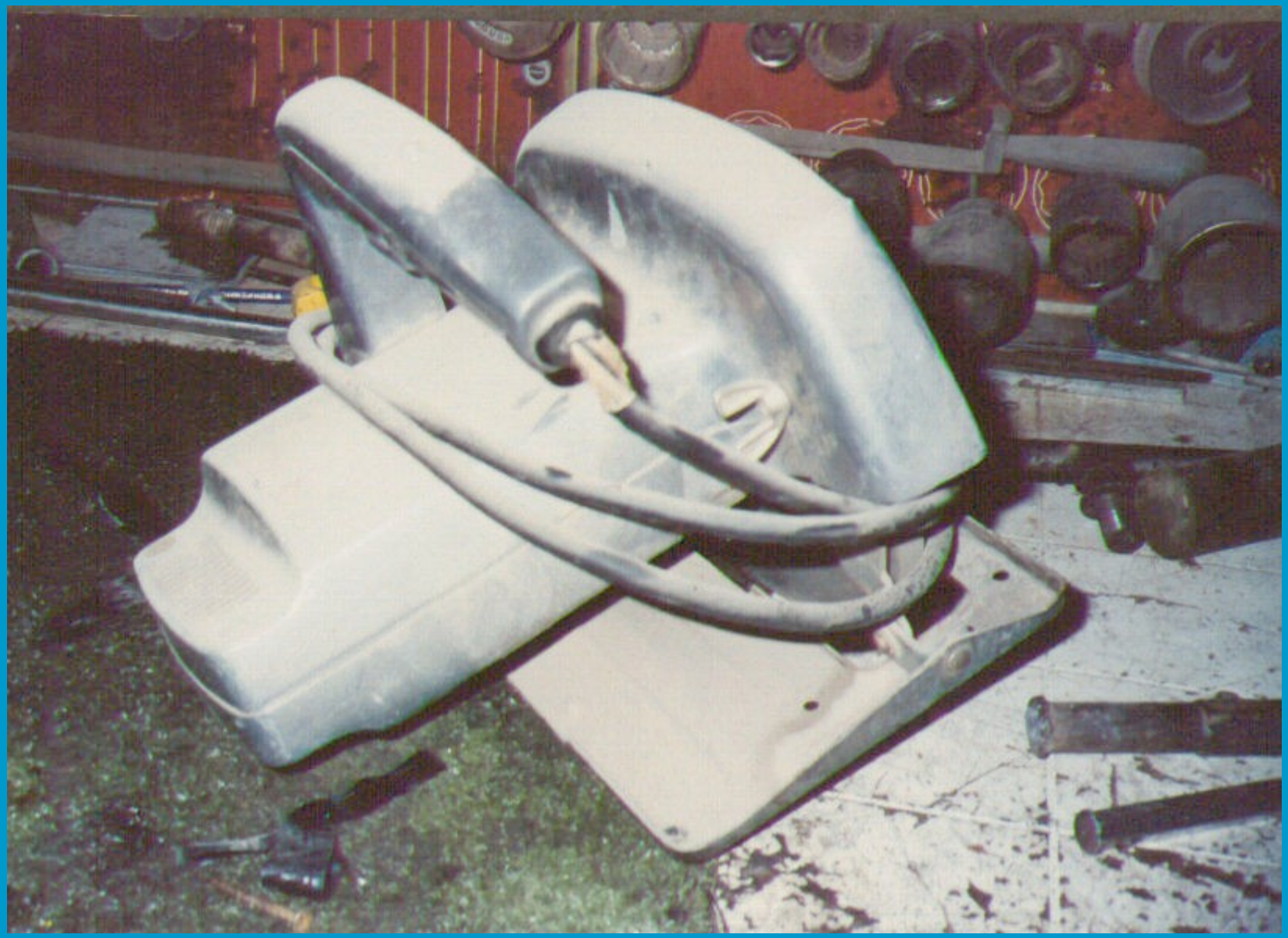
GLASS
HANDLE WITH CARE
ASS
WITH CARE

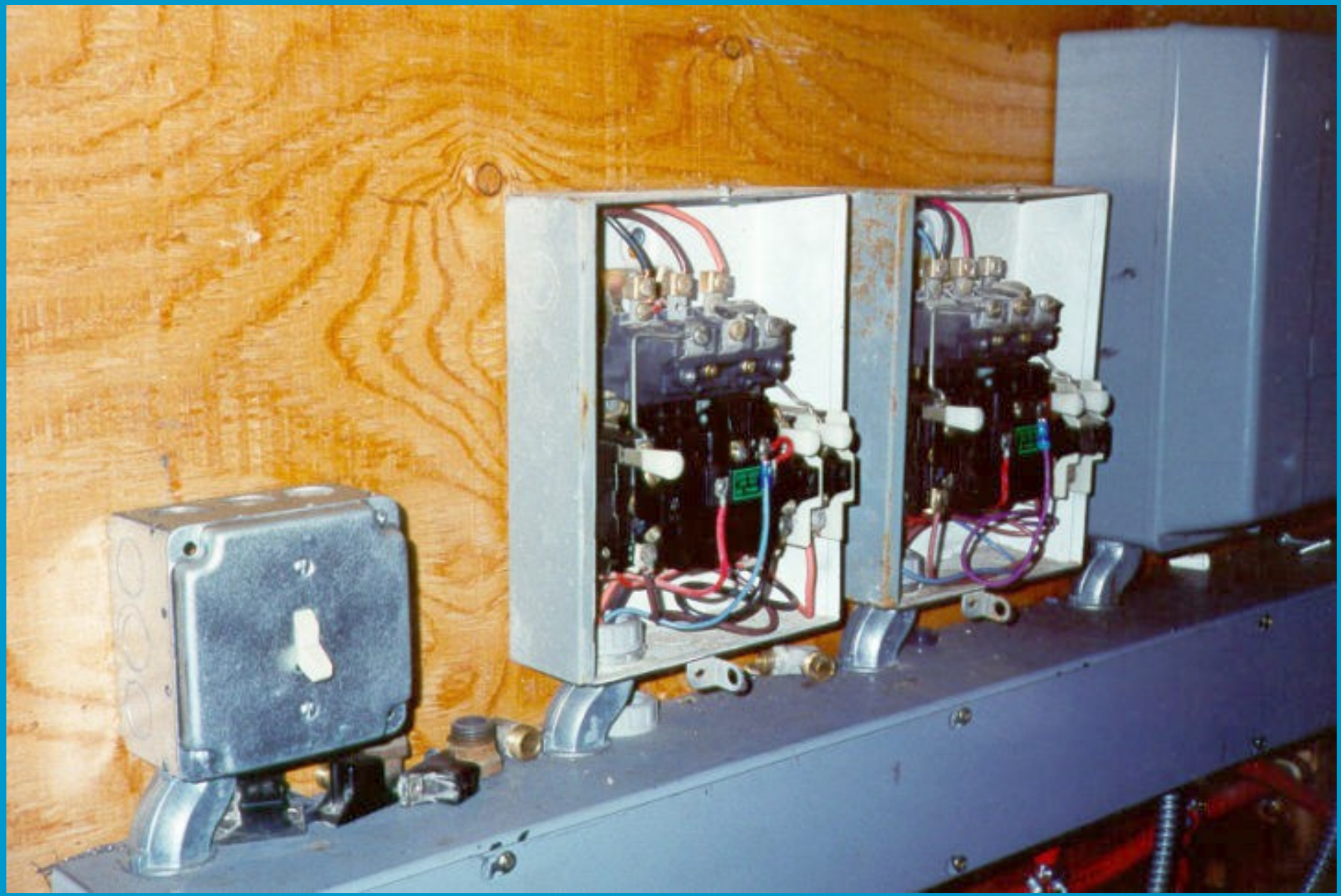


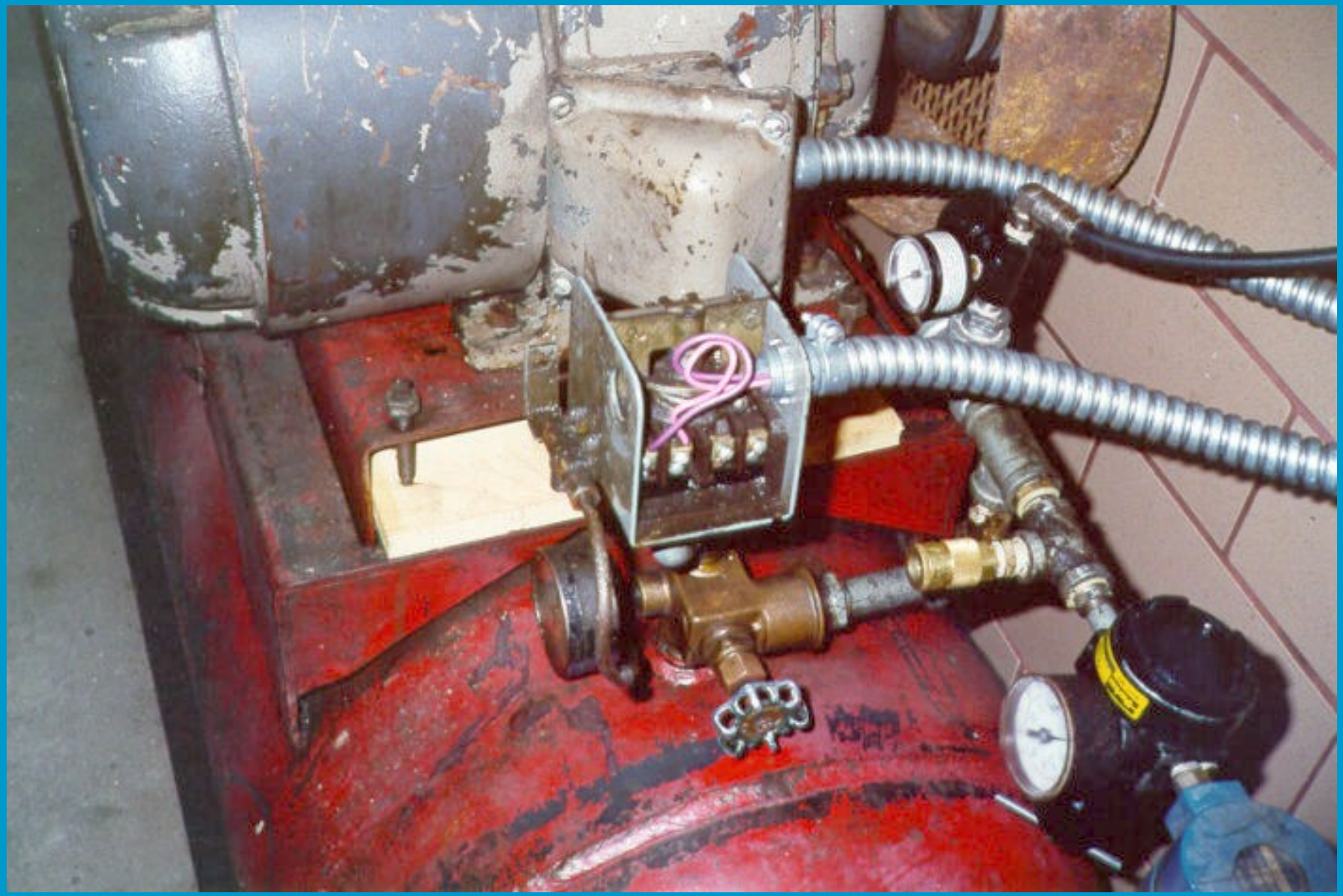

TOUCH
ON
OFF

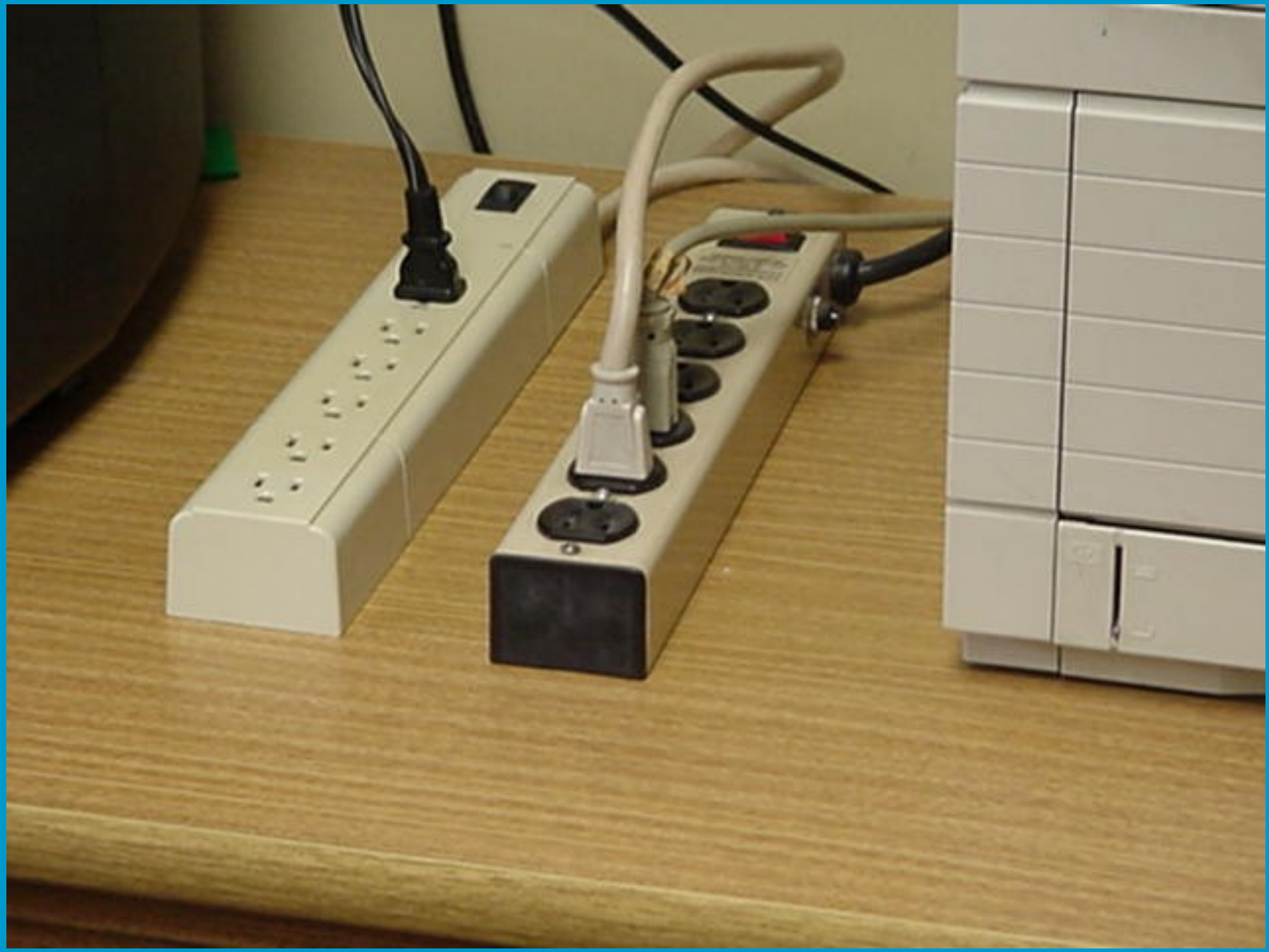


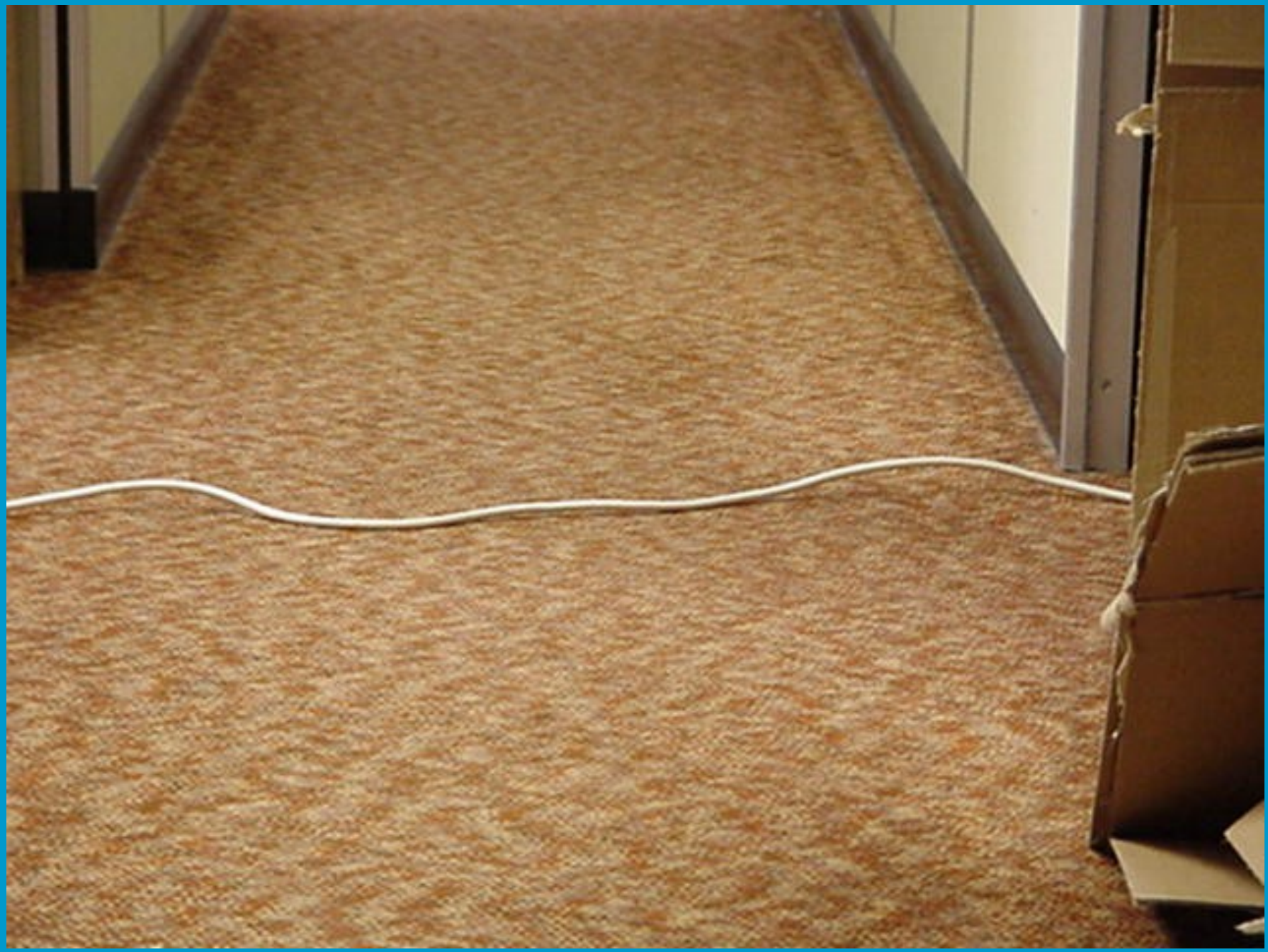

TEMPORARY LIGHTING STRING CABLE





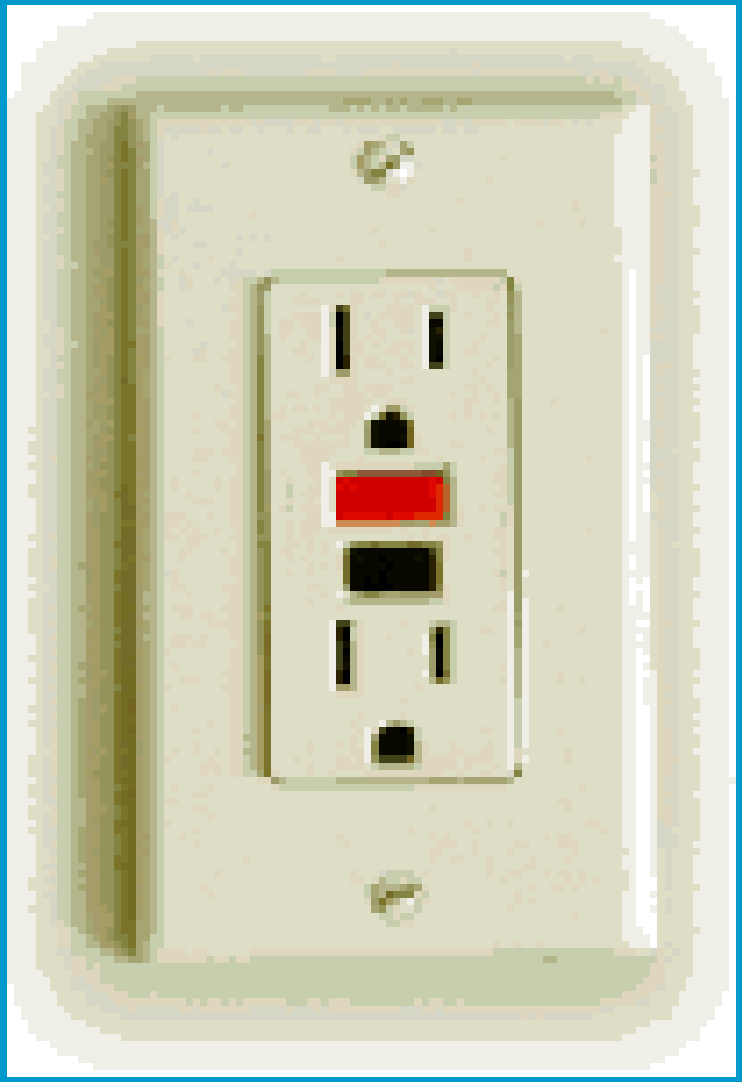






OFF

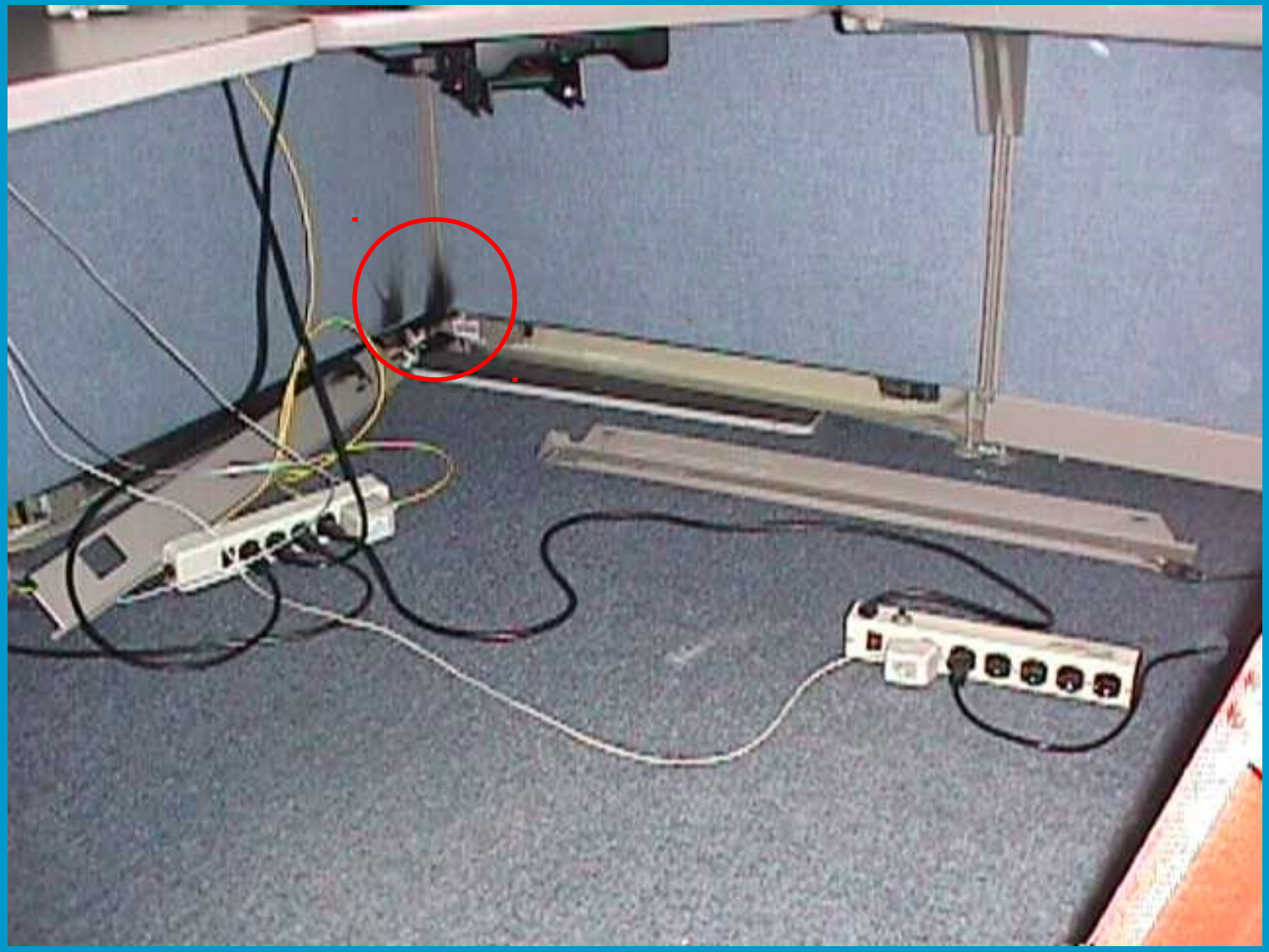
Photo by Cynthia W. Duffield



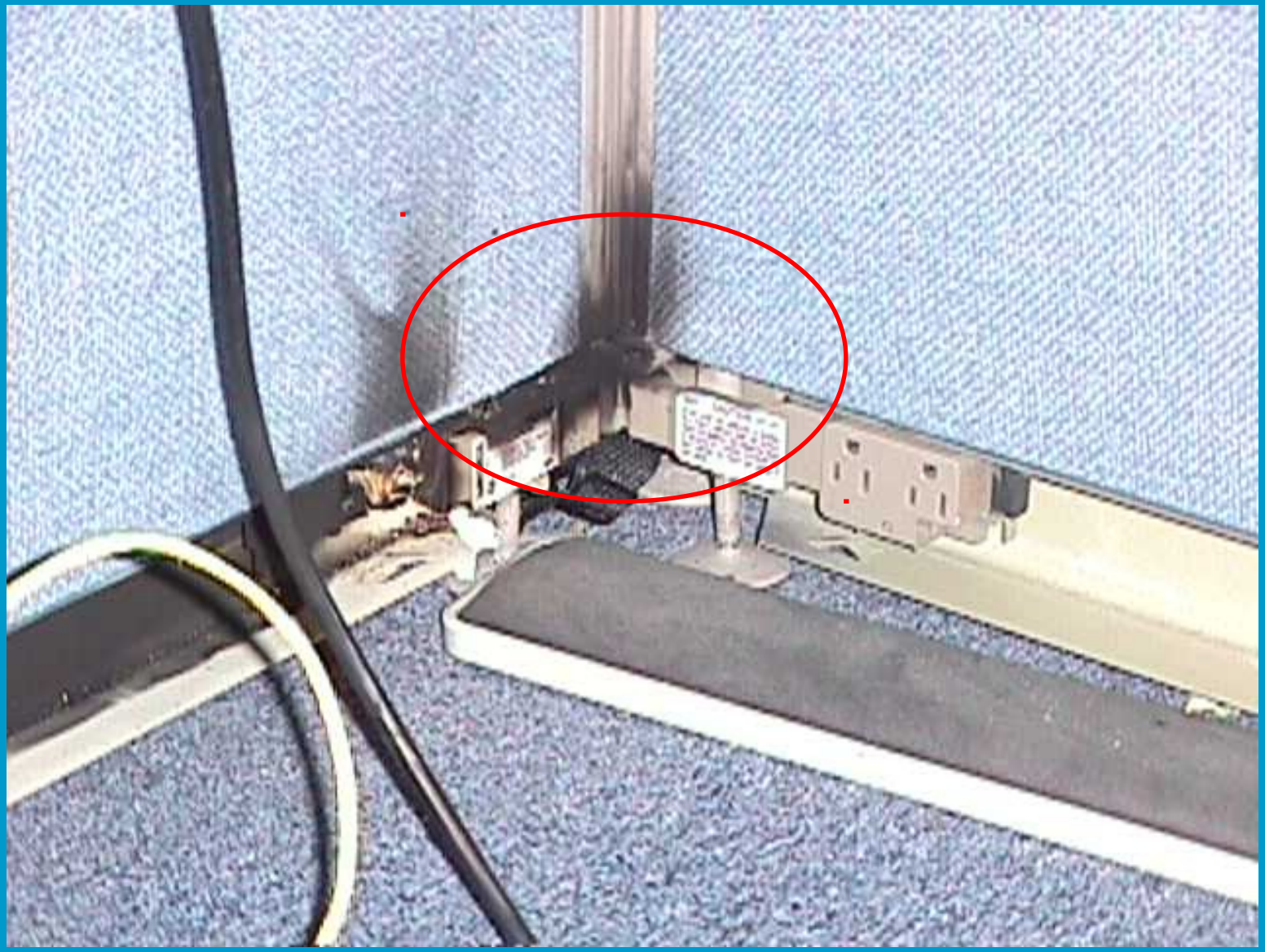
- Ground Fault Circuit Interrupter (GFCI)
- Required when outlet is within 6-feet of water or sink.

SURGE SUPPRESSOR ELECTRICAL FIRE

SURGE SUPPRESSOR ELECTRICAL FIRE (close-up)

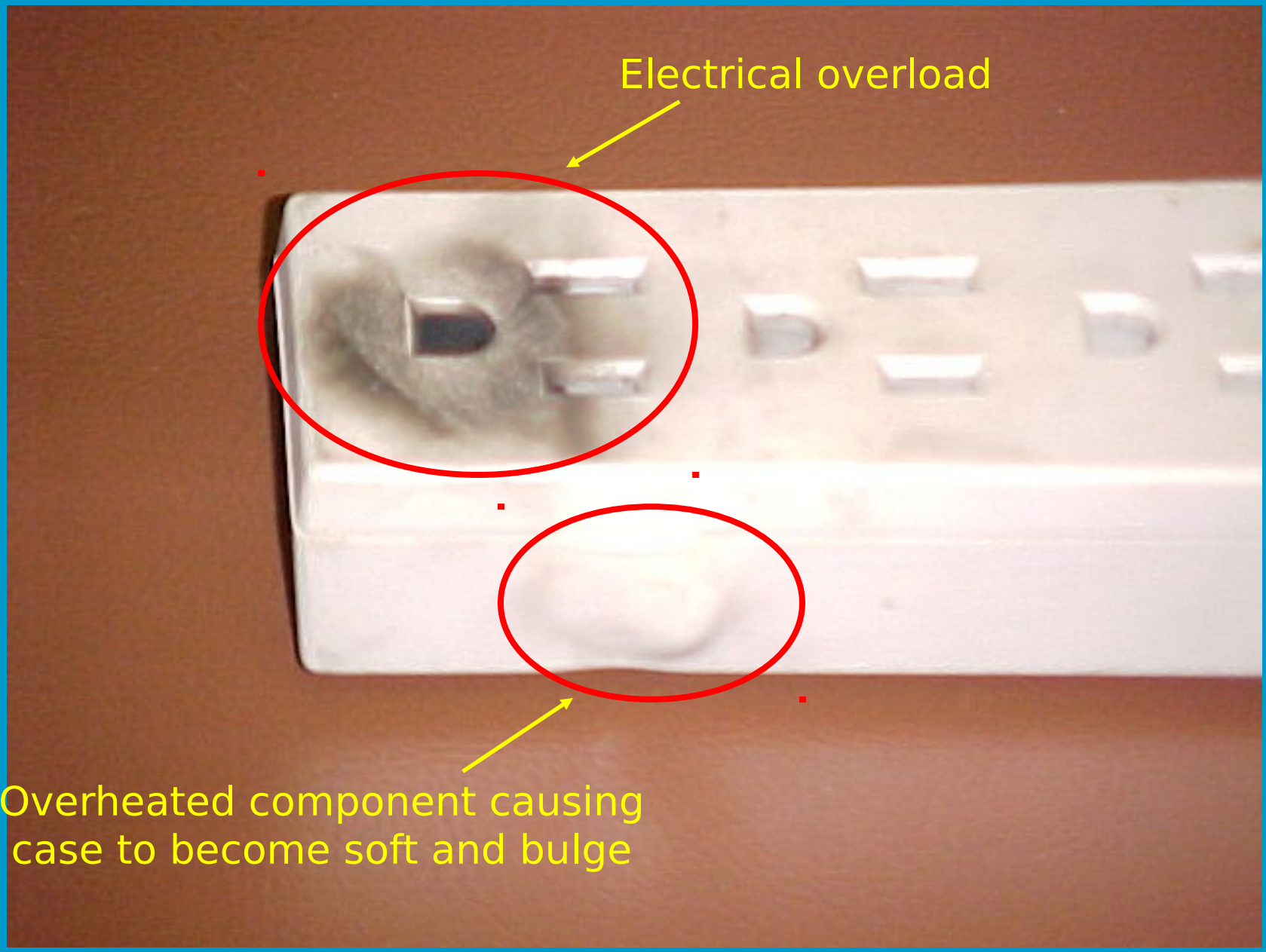


wo surge suppressors in series overloaded a modular furnitur
ectrical outlet. Red circles show internal heat and flame area



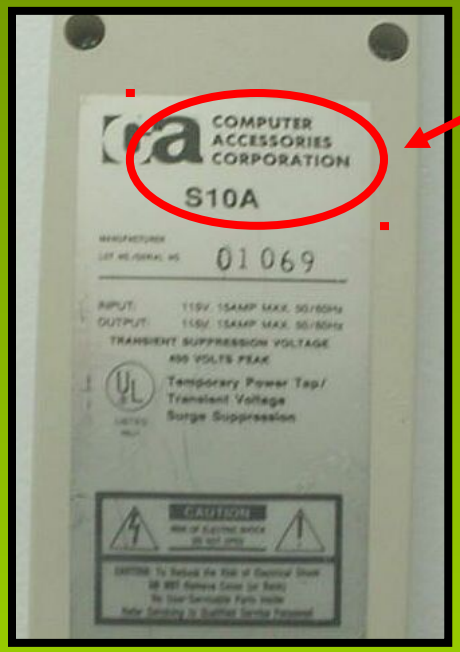
HAWORTH
ACCESSORY

ELECTRICAL FIRE (ALMOST)



Computer Surge Protector/Power Str

PROBLEM: Electrical breakdown causes fires
RECOMMENDATION: Remove from service and replace



Manufacture and Model

Distinguishing Feature

Model Shown is S10A. This applies to all the S10 Series

NEXT

EXAMPLES OF

Physical Safety Hazards
What to check
and
Accidents